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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2009; month=4; day=25; hr=22; min=53; sec=56; ms=854;]

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Application No: 10581613 Version No: 2.0

Input Set:

Output Set:

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Finished: 2009-04-16 15:17:57.932
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 861 ms
Total Warnings: 7
Total Errors: 0
No. of SeqIDs Defined: 45
Actual SeqID Count: 45

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SEQUENCE LISTING

<110> Her Majesty the Queen in Right of Canada as Represented by
the Minister of Health

<120> Anti-SARS Monoclonal Antibodies

<130> 85084-803

<140> 10581613

<141> 2009-04-16

<150> US60/526971

<151> 2003-12-05

<150> US60/568225

<151> 2004-05-06

<160> 45

<170> PatentIn version 3.3

<210> 1

<211> 133

<212> PRT

<213> Mus musculus

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Glu Val Arg Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Met His Trp Val Lys Gln Ser His Gly Lys Asn Leu Glu Trp Ile
35 40 45

Gly Gly Ile Asn Pro Asn Asn Gly Gly Thr Thr Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Ser Arg Gly Asp Tyr Gly Thr Ser Tyr Gly Tyr Phe Asp Val Trp Gly
100 105 110

Ala Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser
115 120 125

Val Tyr Pro Leu Ala
130

<210> 2
<211> 128
<212> PRT
<213> Mus musculus

<400> 2

Val Glu Leu Leu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala Ser
1 5 10 15

Val Lys Met Ser Cys Glu Ala Ser Gly Tyr Thr Phe Thr Thr Tyr Trp
20 25 30

Met His Trp Ile Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly
35 40 45

Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe Lys
50 55 60

Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Thr Ala Tyr Met
65 70 75 80

Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr
85 90 95

Arg Glu Gly Ile Pro Gln Leu Leu Arg Thr Met Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val
115 120 125

<210> 3
<211> 127
<212> PRT
<213> Mus musculus

<400> 3

Val Gln Leu Leu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala Ser
1 5 10 15

Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Ser Tyr Trp
20 25 30

Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly
35 40 45

Ala Ile Tyr Pro Gly Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe Lys
50 55 60

Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr Met
65 70 75 80

Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr
85 90 95

Arg Ser Val Tyr Tyr Gly Tyr Gly Tyr Phe Asp Val Trp Gly Ala Gly
100 105 110

Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val
115 120 125

<210> 4
<211> 226
<212> PRT
<213> Mus musculus

<400> 4

Glu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala
1 5 10 15

Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Ser Tyr
20 25 30

Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Asp Trp Ile
35 40 45

Gly Ala Ile Tyr Pro Glu Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Met Glu His Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys

85 90 95

Thr Arg Ser Val Tyr Tyr Gly Tyr Gly Tyr Phe Asp Val Trp Gly Ala
100 105 110

Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser Val
115 120 125

Tyr Pro Leu Ala Pro Val Cys Gly Asp Thr Thr Gly Ser Ser Val Thr
130 135 140

Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Leu Thr
145 150 155 160

Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val
165 170 175

Leu Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Thr Ser
180 185 190

Ser Thr Trp Pro Ser Gln Ser Ile Thr Cys Asn Val Ala His Pro Ala
195 200 205

Ser Ser Thr Lys Val Asp Lys Lys Ile Glu Pro Arg Val Pro Thr Ser
210 215 220

Gln Asn
225

<210> 5
<211> 131
<212> PRT
<213> Mus musculus

<400> 5

Leu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Pro Arg Pro Gly Ala
1 5 10 15

Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Asn Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Arg Ala Thr Leu Thr Ala Val Thr Ser Thr Ser Ala Ser
65 70 75 80

Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Asp Gly Tyr Gly Ser Leu Tyr Tyr Ala Met Asp Phe Trp
100 105 110

Gly Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro
115 120 125

Ser Val Lys
130

<210> 6
<211> 133
<212> PRT
<213> Mus musculus

<400> 6

Glu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala
1 5 10 15

Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Thr Tyr
20 25 30

Arg Met His Trp Ile Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe
50 55 60

Lys Asp Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Phe Cys
85 90 95

Thr Arg Glu Gly Ile Pro Gln Leu Leu Arg Thr Leu Asp Tyr Trp Gly

100 105 110

Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser
115 120 125

Val Tyr Pro Leu Ala
130

<210> 7
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<212> PRT
<213> Mus musculus

<400> 7

Glu Val Gln Leu Glu Glu Ser Gly Pro Gly Leu Val Ala Pro Ser Gln
1 5 10 15

Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Asn Tyr
20 25 30

Asp Ile Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Leu
35 40 45

Gly Ile Ile Trp Thr Gly Gly Thr Ser Tyr Asn Ser Ala Phe Met
50 55 60

Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Ser Gln Val Phe Leu
65 70 75 80

Lys Met Asn Ser Leu Gln Thr Asp Asp Thr Ala Ile Tyr Tyr Cys Val
85 90 95

Arg Asp Arg Val Tyr Tyr Phe Pro Met Asp Tyr Trp Gly Gln Gly Thr
100 105 110

Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser Val Tyr Pro
115 120 125

Leu Ala
130

<210> 8
<211> 139
<212> PRT

<213> Mus musculus

<400> 8

Met Glu Trp Ser Trp Val Phe Leu Phe Leu Val Ala Thr Ala Thr Asp
1 5 10 15

Val His Ser Gln Val Gln Leu Gln Gln Pro Gly Ala Glu Leu Val Lys
20 25 30

Pro Gly Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe
35 40 45

Thr Asn Tyr Trp Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu
50 55 60

Glu Trp Ile Gly Glu Ile Asn Pro Gly Asn Gly Arg Thr Asn Tyr Asn
65 70 75 80

Gly Asn Phe Met Asn Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn
85 90 95

Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
100 105 110

Tyr His Cys Ala Arg Leu Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr
115 120 125

Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val
130 135

<210> 9

<211> 123

<212> PRT

<213> Mus musculus

<400> 9

Val Gln Leu Leu Glu Ser Gly Ala Glu Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr Trp
20 25 30

Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly
35 40 45

Glu Ile Asn Pro Ser Asn Gly Arg Thr Asn Tyr Asn Gly Asn Phe Glu
50 55 60

Ser Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr Met
65 70 75 80

His Leu Ser Ser Leu Thr Tyr Glu Asp Ser Ala Val Tyr His Cys Thr
85 90 95

Arg Leu Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser Ala
100 105 110

Lys Thr Thr Ala Pro Ser Val Tyr Pro Leu Ala
115 120

<210> 10
<211> 120
<212> PRT
<213> Mus musculus

<400> 10

Asp Ile Leu Met Thr Gln Ser Pro Thr Ser Phe Ala Val Ser Leu Gly
1 5 10 15

Gln Arg Ala Thr Ile Ser Cys Arg Thr Ser Gln Ser Val Ser Thr Ser
20 25 30

Ser Tyr Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
35 40 45

Lys Leu Leu Ile Lys Tyr Ala Ser Asn Leu Glu Ser Gly Val Pro Ala
50 55 60

Arg Phe Ser Gly Ser Gly Ser Asp Phe Thr Leu Asn Ile His
65 70 75 80

Pro Val Glu Glu Gly Asp Thr Ala Thr Tyr Tyr Cys Gln His Ser Trp
85 90 95

Glu Ile Pro Cys Ala Phe Gly Gly Thr Lys Leu Glu Ile Lys Arg
100 105 110

Ala Asp Ala Ala Pro Thr Val Ser
115 120

<210> 11
<211> 116
<212> PRT
<213> Mus musculus

<400> 11

Glu Leu Val Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly
1 5 10 15

Glu Arg Val Ser Leu Thr Cys Arg Ala Ser Gln Glu Ile Ser Gly Tyr
20 25 30

Leu Ser Trp Leu Gln Gln Lys Pro Asp Gly Thr Ile Lys Arg Leu Ile
35 40 45

Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val Pro Lys Arg Phe Ser Gly
50 55 60

Ser Arg Ser Gly Ser Asp Tyr Ser Leu Thr Ile Ser Ser Leu Glu Ser
65 70 75 80

Glu Asp Phe Ala Asp Tyr Tyr Cys Leu Gln Tyr Ile Ser Tyr Pro Trp
85 90 95

Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
100 105 110

Pro Thr Val Ser
115

<210> 12
<211> 116
<212> PRT
<213> Mus musculus

<400> 12

Asp Ile Leu Met Thr Gln Ser His Lys Cys Met Ser Thr Ser Val Gly
1 5 10 15

Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Ser Thr Ala
20 25 30

Val Val Trp Tyr Gln Gln Lys Pro Gly Gln Phe Pro Lys Leu Leu Ile
35 40 45

Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Val Gln Ala
65 70 75 80

Glu Asp Leu Ala Leu Tyr Tyr Cys Gln Gln His Tyr Thr Thr Pro Tyr
85 90 95

Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
100 105 110

Pro Thr Val Ser
115

<210> 13
<211> 116
<212> PRT
<213> Mus musculus

<400> 13

Asp Ile Leu Met Thr Gln Ser His Lys Phe Met Ser Thr Ser Val Gly
1 5 10 15

Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Ser Thr Ala
20 25 30

Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile
35 40 45

Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Val Gln Ala
65 70 75 80

Glu Asp Leu Ala Leu Tyr Tyr Cys Gln Gln His Tyr Ser Thr Pro Tyr
85 90 95

Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala

100

105

110

Pro Thr Val Ser
115

<210> 14
<211> 127
<212> PRT
<213> Mus musculus

<400> 14

Glu Leu Val Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly
1 5 10 15

Asp Arg Val Thr Ile Ser Cys Arg Ala Ser Gln Asp Ile Ser Asn Tyr
20 25 30

Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile
35 40 45

Tyr Tyr Thr Ser Arg Leu His Ala Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Glu Gln
65 70 75 80

Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Tyr Thr Leu Pro Tyr
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
100 105 110

Pro Thr Val Ser Lys Gly Glu Phe Gln His Thr Gly Gly Arg Tyr
115 120 125

<210> 15
<211> 115
<212> PRT
<213> Mus musculus

<400> 15

Asp Ile Leu Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly
1 5 10 15

Glu Arg Val Ser Leu Thr Cys Arg Ala Ser Gln Glu Ile Ser Gly Tyr
20 25 30

Leu Ser Trp Leu Gln Glu Lys Pro Asp Gly Thr Ile Lys Arg Leu Ile
35 40 45

Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val P